

Thunderbolt – PCIe Adapter

Connectors

File: connectors.kicad_sch

Power

File: power.kicad_sch

Thunderbolt Controller – Power

File: tb-power.kicad_sch

TB Controller

File: tb.kicad_sch

FID1
FiduciaL1mm_Mask3mm

FID2
FiduciaL1mm_Mask3mm

FID3
FiduciaL1mm_Mask3mm

FID4
FiduciaL1mm_Mask3mm

FID5
FiduciaL1mm_Mask3mm

FID6
FiduciaL1mm_Mask3mm

FID7
FiduciaL1mm_Mask3mm

FID8
FiduciaL1mm_Mask3mm

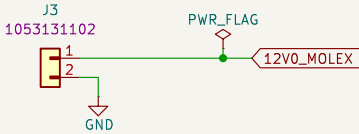
Logo N1
antmicro_logo

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Title: Thunderbolt PCIe Adapter		
Size: A3	Date: 2023-08-09	Rev: 1.0.2
KICad E.D.A.	kicad-cli 7.0.10+1	Id: 1/5

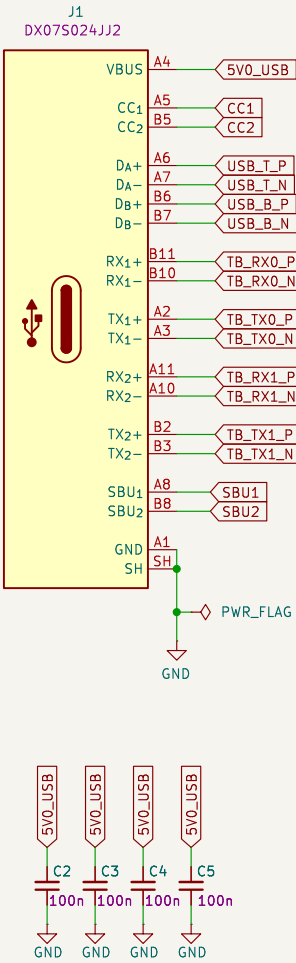
Size: A3	Date: 2023-08-09	Rev: 1.0.2
KiCad E.D.A. kicad-cli 7.0.10+1		Id: 1/5

Size: A3	Date: 2023-08-09	Rev: 1.0.2
KiCad E.D.A. kicad-cli 7.0.10+1		Id: 1/5

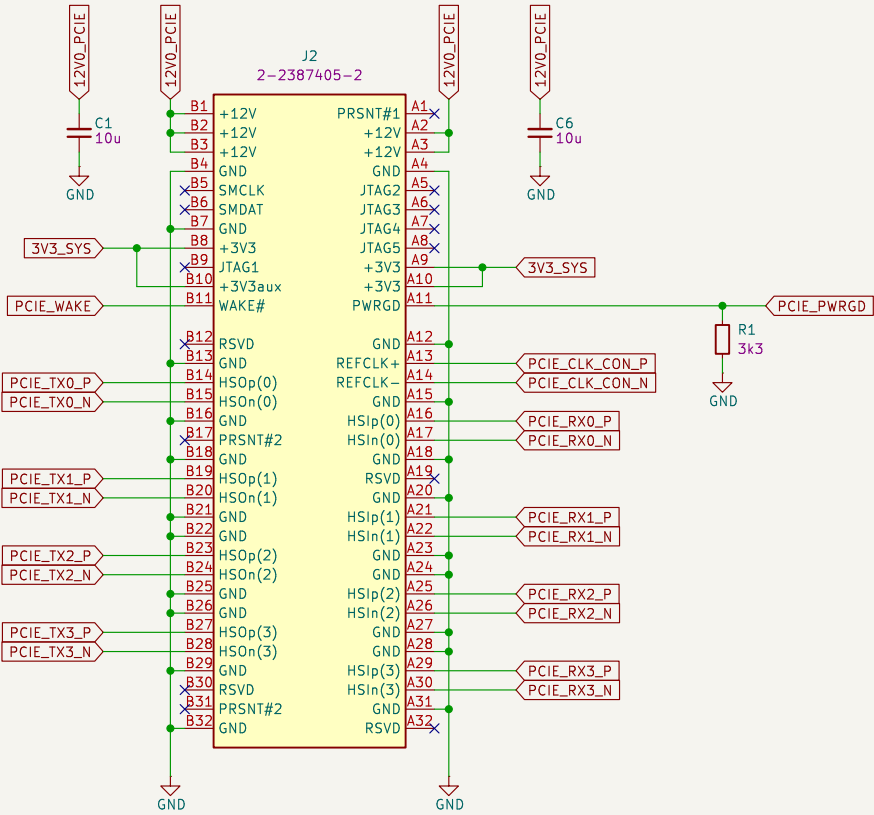
+12V Molex Connector



USB-C Connector



PCI Express Connector



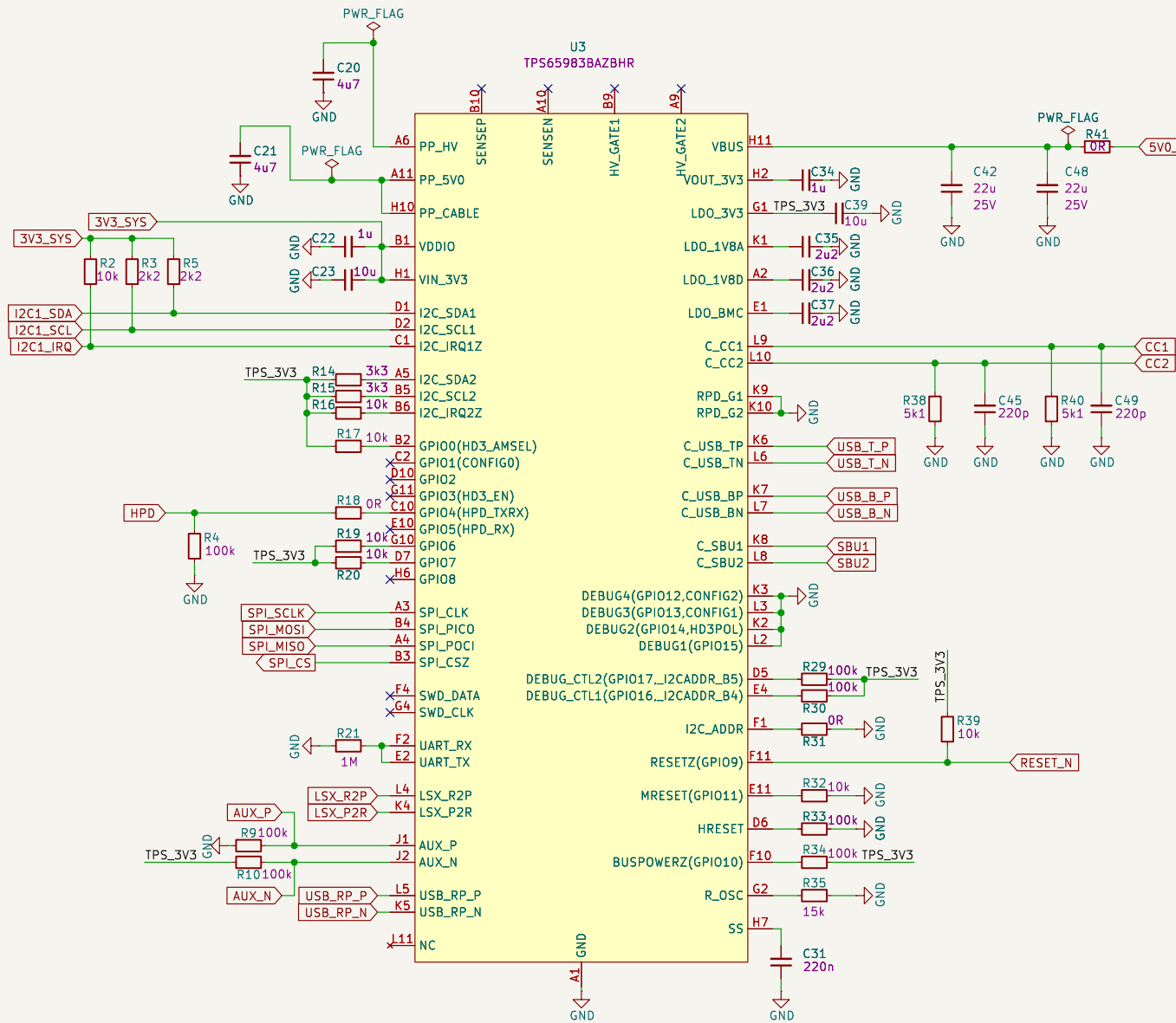
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Sheet: /Connectors/
File: connectors.kicad_sch

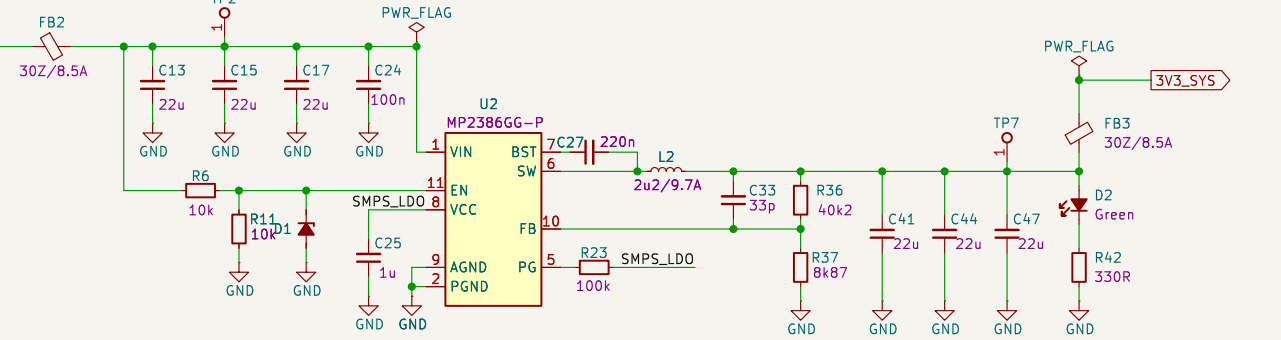
Title: Thunderbolt PCIe Adapter

Size: A3 Date: 2023-08-09 Rev: 1.0.2
KiCad E.D.A. kicad-cli 7.0.10+1 Id: 2/5

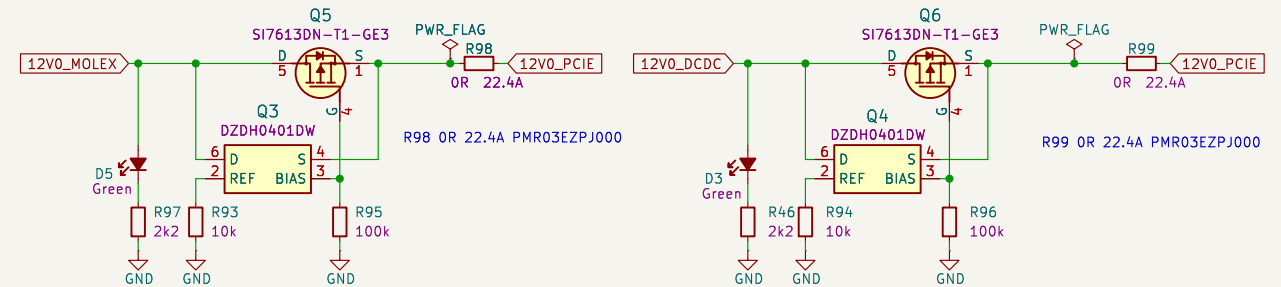
USB Power Delivery Controller



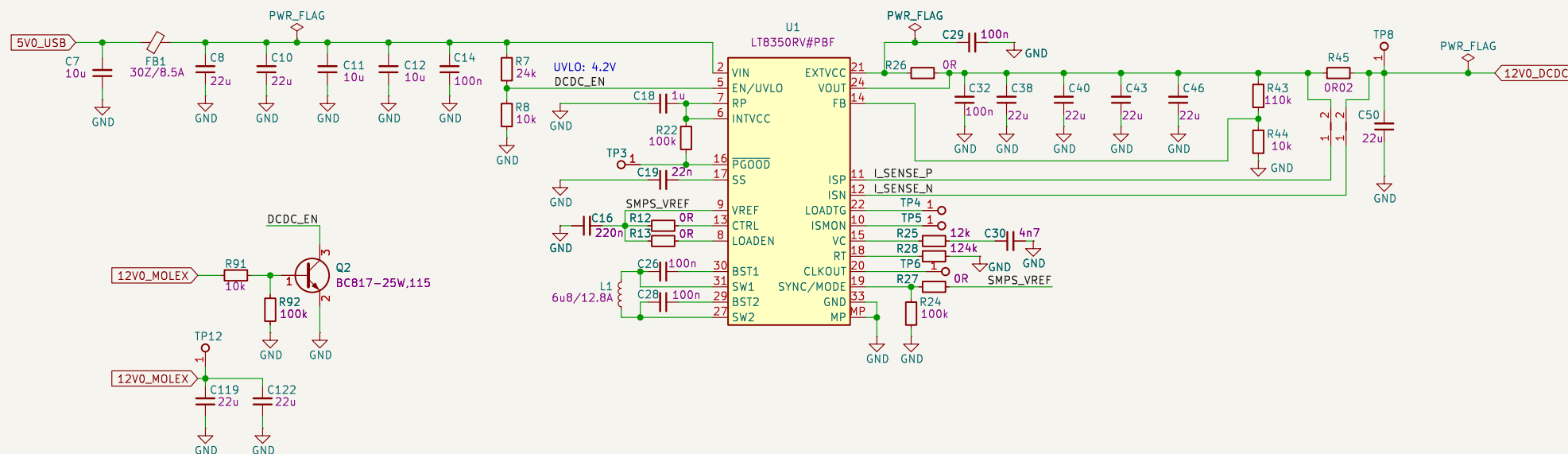
3V3 Buck Converter



Ideal diodes



12V Buck-Boost Converter



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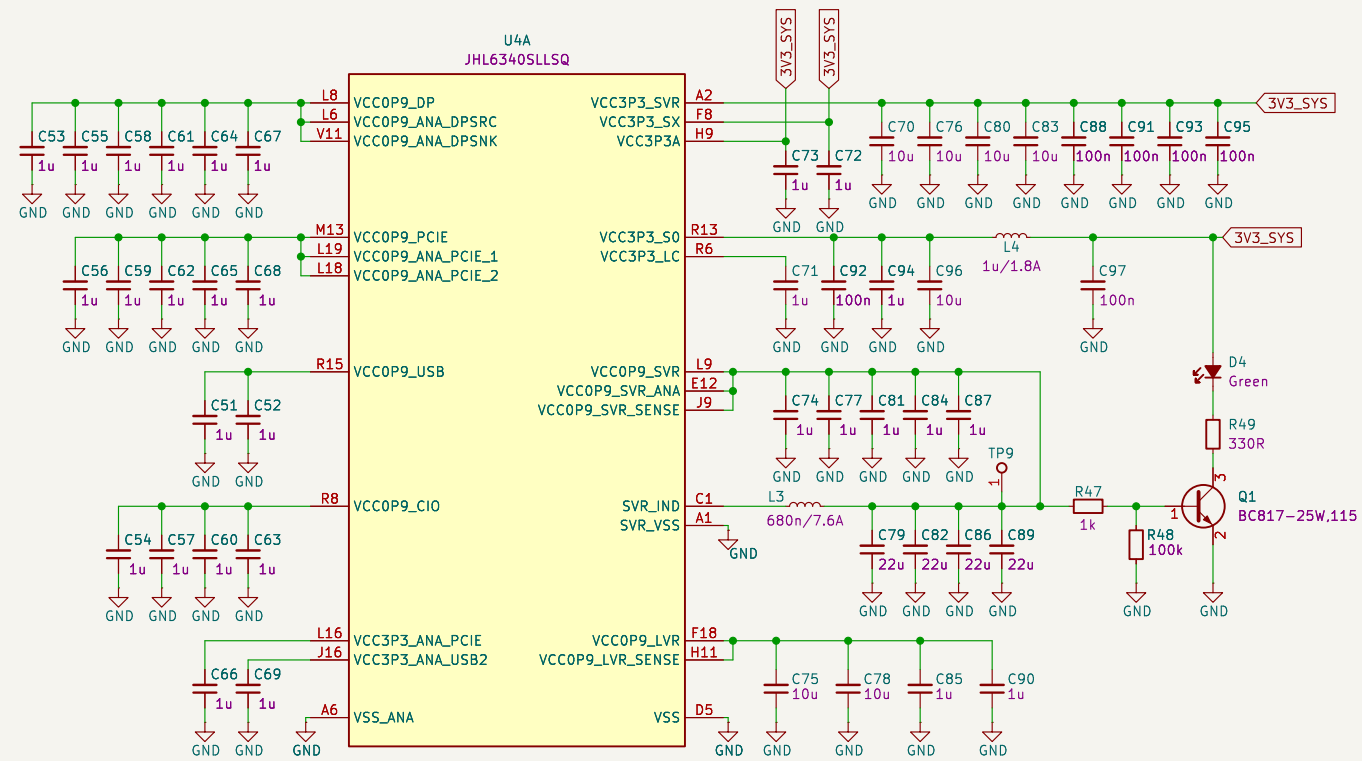
Sheet: /Power/
File: power.kicad_sch

Title: Thunderbolt PCIe Adapter

Size: A3 Date: 2023-08-09
KiCad E.D.A. kicad-cli 7.0.10+1

Rev: 1.0.2
Id: 3/5

Thunderbolt Controller – Power



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File: tb-power.kicad_sch

Title: Thunderbolt PCIe Adapter

Size: A3 Date: 2023-08-09
KiCad E.D.A. kicad-cli 7.0.10+1

Rev: 1.0.2
Id: 4/5

